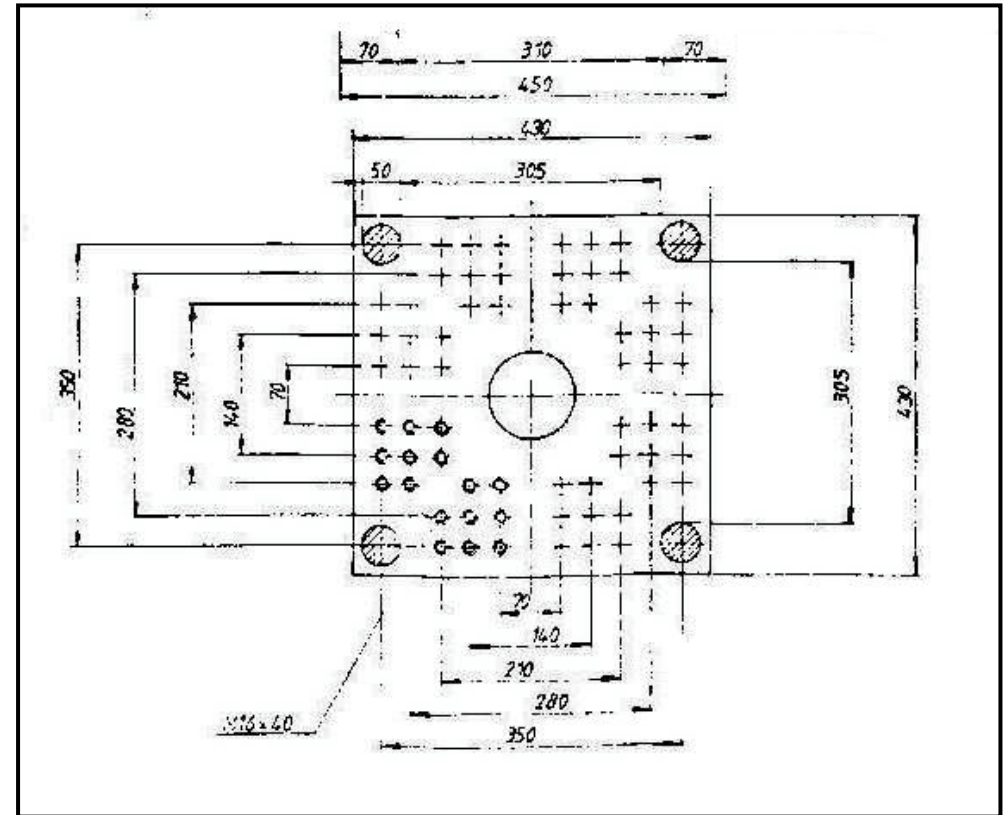




Poly Industries Pty Ltd
Injection Moulding Machine Standards

ES150/40ST DIMENSIONS AND VALUES

ITEM		ENGEL ES 150/40ST
INJECTION UNIT CODE		I2.1 A
SCREW DIAMETER		30 mm
INJECTION VOLUME CALCULATED		154 cm ³
INJECTION CAPACITY	PS	83 g
	PE	68 g
INJECTION PRESSURE		157 MPa
INJECTION RATE		75 g/s
PLASTICIZING CAPACITY	PS	46.8 kg/h
SCREW SPEED		20 ~ 300 rpm
CLAMPING FORCE		400 KN
MOLD OPENING FORCE		4.9 Ton
DISTANCE BETWEEN TIE RODS (H x V)		305 x 305 mm
PLATEN DIMENSIONS (H x V)		430 x 430 mm
CLAMP STROKE		
OPEN DAYLIGHT		150 ~ 380 mm
THICKNESS OF MOLD		150 ~ 380 mm
MOLD CLOSING SPEED	FAST	m/min
	SLOW	m/min
MOLD OPENING SPEED	FAST	m/min
	SLOW	m/min
EJECTING FORCE (HYDRAULIC)		22.3 KN
EJECTOR STROKE		100 mm
MOTOR FOR PUMP		11 kW
HEATER CAPACITY		3.3 kW
MACHINE DIMENSIONS	L	3.4 m
	W	1.2 m
	H	1.6 m
MACHINE WEIGHT 2.0 t		



**Moving Platen Layout Showing Screw Hole
Locations & Knockout Positions
Fixed Platen has same Bolt Pattern**